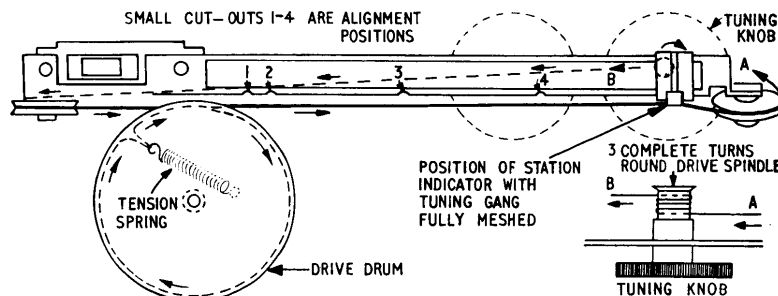


Above, component layout of printed circuit board as seen on removal of the receiver back. Right, cord drive routing showing alignment markers. Left hand edge of pointer plate is the datum line when using these markers



Equipment required. Modulated signal generator covering 150-1600kc/s, output meter 35ohms, transmitting loop, trimming tools.

Connect the output meter, on 100mW range, in place of the speaker. During alignment reduce output from the generator to restrict the set output to 50mW.

IF. Switch receiver to LW. Turn gang to minimum capacity position (fully open). Turn volume control to maximum. Connect generator output across aerial section of the gang condenser (VC1). Inject modulated 470kc/s signal and adjust cores of L13/14, L11/12 and L10/9 in that order for maximum output. Repeat, using reduced signal input, for optimum results.

RF MW. Switch to MW. It is preferable to inject the signal via a transmitting loop placed about 12ins. from, and coaxial with,

the aerial coils. Check that with gang at minimum capacity (fully open) the pointer datum line coincides with calibration notch 1, then tune the receiver to 500m, calibration mark 4.

Inject 600kc/s modulated signal and trim oscillator coil L8 for maximum output. Adjust MW aerial coil L2/3, by sliding along ferrite rod, for maximum output. Retune receiver to 200m (calibration mark 2). Set generator to 1500kc/s and adjust oscillator trimmer TC2 and aerial trimmer TC1 for maximum output. Repeat these operations for optimum results.

RF LW. Switch to LW. Set pointer to calibration mark 3. Tune in Light programme by adjusting oscillator trimmer TC3. Adjust LW aerial coil L4/5 by sliding along ferrite rod for maximum output.

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